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				GEERDES Vol. 79, pp			ne Const	titution of Cor	n Starch	Dextrin, J. A	vm. Chen	n. Soc., (1957),	
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PTO/SB/08A (10-01)

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	Com	plete if Known
Substitute for form 1449A/PTO	Application Number	10/782,215
	Filing Date	February 19, 2004
INFORMATION DISCLOSURE	First Named Inventor	James A. McClain
STATEMENT BY APPLICANT	Art Unit	
	Examiner Name	
(use as many sheets as necessary)		
Sheet 1 of 2	Attorney Docket Number	030900

	U.S. PATENT DOCUMENTS									
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where					
Initials*	No.1	Number - Kind Code ² (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear					
		2,287,599	6/23/42	Bulfer, et al.	1 1 1					
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Sheet	2	of	2	Attorney Docket Number	030900		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²
		SMITH, L. T., et al.: Dextrinization of Potato Starch with Gaseous Hydrogen Chloride, Industrial	
		and Engineering Chemistry, 1944, pages 1052-1054, Volume 36, American Chemical Society, US	
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			Filing Date	February 19, 2004
INFORM	ATION DISCLO	SURE	First Named Inventor	James McClain
STATEM	ENT BY APPLI	CANT	Art Unit	1623
(use as m	any sheets as nece	essary)	Examiner Name	Paul V. Ward
Sheet 1	of	2	Attorney Docket Number	030900 / CP.0021.US01

		U.	S. PATENT DO	CUMENTS		
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
Initials*	No.1	Number - Kind Code ² (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
156	<u> </u>	5,358,729	10/25/1994	Ohkuma et al.		
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Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited	Pages, Columns, Lines, Where Relevant Passages or Relevant	T⁰
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OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS						
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BK	ļ.	International Preliminary Report on Patentability for International Application No. PCT/US2004/004989, The International Bureau of WIPO, 2 pp. (September 9, 2005)				
GL		Written Opinion of the International Searching Authority for International Application No. PCT/US2004/004989, European Patent Office (acting as International Searching Authority), 5 pp. (September 9, 2005)				
BC		Smith, L.T. et al., "Dextrinization of Potato Starch with Gaseous Hydrogen Chloride," Industrial and Engineering Chemistry, American Chemical Society, U.S., Vol. 36, 1944, pp. 1052-1054				
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